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**TRANSMITTAL LETTER
INFORMATION DISCLOSURE STATEMENT**

Applicant : Brownlie et al.
App. No : 10/563,199
Filed : January 3, 2006
For : VACCINE COMPOSITION FOR
VACCINATING DOGS AGAINST
CANINE INFECTIOUS RESPIRATORY
DISEASE (CIRD)
Examiner : Unknown
Art Unit : 1642

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

December 5, 2006

(Date)

Marina L. Gordey, Reg. No. 52,950

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

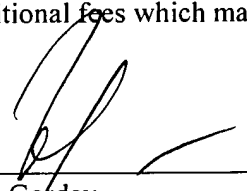
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
- (X) Listing 155 references.
 - (X) Enclosing 147 references.
- (X) Return prepaid postcard.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.


Marina L. Gordey
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Agent of Record
Customer No. 20,995
(805) 547-5580

INFORMATION DISCLOSURE STATEMENT

Applicant : Brownlie et al.
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Art Unit : 1642

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing 155 references to be considered by the Examiner. Also enclosed are 147 foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement. Please note the relevance of the Woloszyn reference is that it is cited in the International Search Report for PCT/GB2004/002865.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required. If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

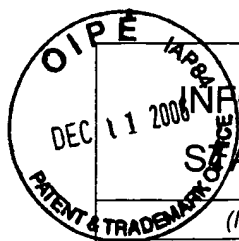
Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: December 5, 2006

By: _____

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 11

Application No.	10/563, 199
Filing Date	January 3, 2006
First Named Inventor	Brownlie, John
Art Unit	1642
Examiner	Unknown
Attorney Docket No.	ERP02.001APC1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	2003/0021801 A1	01-30-2003	Stephens et al.	
	2	5,583,014	12-10-1996	Brown et al.	
	3	5,672,350	09-30-1997	Parker et al.	
	4	5,750,112	05-12-1998	Gill	
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	7	6,280,974 B1	08-28-2001	Miller et al.	
	8	6,372,224 B1	04-16-2002	Miller et al.	

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Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	9	EP 0 109 942 A2	05-30-1984	Morein		
	10	EP 0 180 564 A2	05-07-1986	Morein		
	11	EP 0 231 039 A1	01-13-1987	DeStaat der Nederlanden et al.		
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	14	EP 1 023 903 A1	08-02-2000	Akzo Nobel N.V.		
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	17	WO 04/032957 A1	04-22-2004	Guss et al.		
	18	WO 86/02355 A1	04-24-1986	Technology License Co. Ltd.		
	19	WO 87/00531 A1	01-29-1987	Technology Licence Company Limited		
	20	WO 93/23423 A1	11-25-1993	Smithkline Beecham Corporation		
	21	WO 98/16643 A1	04-23-1998	Human Genome Sciences, Inc.		
	22	WO 99/25838 A1	05-27-1999	University of Georgia Research Foundation, Inc.		

Examiner Signature

Date Considered

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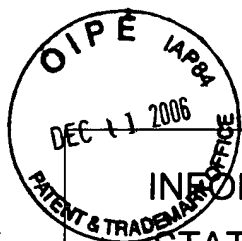
NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	23	ANGUS, J.C. et al. 1997 "Microbiological study of transtracheal aspirates from dogs with suspected lower respiratory tract disease: 264 cases (1989-1995)." <i>J. Am. Vet. Med. Assoc.</i> 210:55-58.	
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	36	BEMIS, D.A. et al. 1977 "Pathogenesis of canine bordetellosis." <i>J. Infect. Dis</i> 135:753-762.	

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	50	COMPTON, J. 1991 "Nucleic acid sequence-based amplification." <i>Nature</i> 350:91-92				

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SHEET 4 OF 11	Attorney Docket No.	ERP02.001APC1

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	51	CORCORAN, B. 1998 "Cytological collection techniques. " In: Luis Fuentes, V. Swift, S., (Eds.), <u>Manual of small animal cardiorespiratory medicine and surgery</u> British Small Anim. Vet. Assoc. Cheltenham. pp. 75-78.				
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	54	DICESARE, B. et al. 1993 "A high-sensitivity electrochemiluminescence-based detection system for automated PCR product quantitation." <i>BioTechniques</i> 15:152-157.				
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SHEET 5 OF 11	Attorney Docket No.	ERP02.001APC1

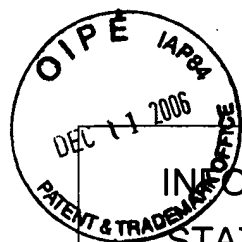
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	63	FELSENSTEIN, J. 1989 "PHYLP-Phylogeny Inference Package (Version 3.2c)." <i>Cladistics</i> 5:164-166				
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	76	GENBANK Accession No. L07747, 1994 "Human enteric coronavirus 4408 hemagglutinin-esterase (HE) gene sequence.", 2 pages.				

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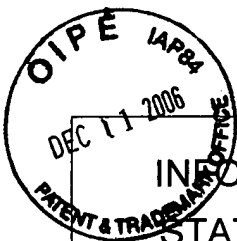
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	77	GENBANK Accession No. L14643, 1993 "Human coronavirus OC43 spike protein, complete cds." 3 pages.				
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	90	JALKANEN, M. et al. 1985 "Heparan sulfate proteoglycans from mouse mammary epithelial cells: localization on the cell surface with a monoclonal antibody" <i>J. Cell. Biol.</i> 101: 976-984.				

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SHEET 7 OF 11	Attorney Docket No.	ERP02.001APC1

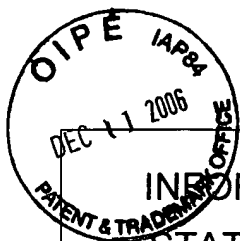
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	91	JALKANEN, M. et al. 1987 "Cell surface proteoglycan of mouse mammary epithelial cells is shed by cleavage of its matrix-binding ectodomain from its membrane-associated domain" <i>J. Cell. Biol.</i> 105: 3087-3096				
	92	JANG, S.S., et al. 1984 "Mycoplasma as a cause of canine urinary tract infection." <i>J. Am. Vet. Med. Assoc.</i> 185(1):45-7				
	93	KARPAS, A. et al. 1968 "Canine tracheobronchitis: Isolation and characterization of the agent with experimental reproduction of the disease (32618)." <i>Proc. Soc. Exp. Biol. Med.</i> 127:45-52.				
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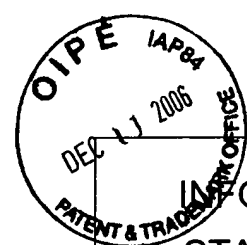
	Application No.	10/563, 199
	Filing Date	January 3, 2006
	First Named Inventor	Brownlie, John
	Art Unit	1642
(Multiple sheets used when necessary)	Examiner	Unknown
SHEET 8 OF 11	Attorney Docket No.	ERP02.001APC1

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